



RECREATIONAL USE ATTAINABILITY ANALYSES  
PUBLIC COMMENTS

Public Comment Period  
May 21, 2008 – August 31, 2008

**Spring Creek**  
**WBID #0658**

Class C  
Sullivan County

Missouri Department of Natural Resources  
Water Protection Program  
PO Box 176  
Jefferson City, MO 65102-0176  
800-361-4827 / 573-751-1300



"bre palmer"  
<brepalmer@hotmail.com>

07/25/2008 01:40 PM

To john.hoke@dnr.mo.gov

cc

bcc

Subject Regarding Spring Creek

I know this may be a little late, but I just heard that it was suggested that Spring Creek should lower it's bacterial standards. I am from Kirksville and grew up swimming and fishing at Spring Creek, and still occasionally go there to swim. I am horrified at the idea that the DNR believes that it is okay to pollute this wonderful body of water. Although it's often muddy and doesn't have many large fish, it's still a great place for kids to play. Lowering of the bacterial standard would not merely allow natural bacteria to flourish, it would allow the local hog farm to dump it's manure into the creek's waters. This would end swimming, fishing, and nearby play for good. The hog manure, which is sure to be dumped in the water if the standard is changed, would make it dangerous for any recreational activities to occur near the creek. E. Coli, parasites, and other things that would NOT be natural to Spring Lake would become a problem. I am upset that this opportunity for pollution is even being considered and plead that it is not allowed to occur. Please keep Spring Creek clean. Thank you for your time.

Sincerely,  
Breanne Palmer

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Time for vacation? WIN what you need- enter now!  
[http://www.gowindowslive.com/summergiveaway/?ocid=tag\\_jlyhm](http://www.gowindowslive.com/summergiveaway/?ocid=tag_jlyhm)

To John Hoke

I walk spring creek  
arrow head hunting mushroom  
hunting and general walking.

Also I have many friends  
and hunters as well use  
this creek. I do not appreciate  
Premium Standard Farms  
dumping hog manure in the  
creek stinking it up and  
killing all the fish. Thank  
you for your help in this  
matter.

Gary A Perkins  
12707 Gentry Drive  
Green River WY 83045



"Rolf Christen "  
<chrifarm@nemr.net>

07/25/2008 10:56 AM

To john.hoke@dnr.mo.gov

cc

bcc

Subject Spring Creek, Sullivan County, Missouri

History:

✉ This message has been replied to.

Dear Mr. Hocke:

I have read the public information about reclassifying parts of Spring Creek in Sullivan County.

I live about 2 Miles from Spring Creek. Years ago, my children and I swam in the creek regularly. Since a large CAFO is now releasing into the creek, we have not used it for swimming much anymore. It is a very beautiful place to walk, and I use it to look for arrowheads at least twice a year. I know of many neighbors and landowners that regularly use this creek for recreational purposes.

I am opposed to your department reclassifying the stream.

Surely you are also aware of a recent fishkill in this stream that was investigated by your department.

This stream is a valuable natural resource in our area. A large CAFO has not contributed at all to the betterment of the stream. We should not downgrade.

I invite you to come to Green City at your convenience to show you the beauty of Spring Creek.

Sincerely,  
Rolf Christen  
60731 Hwy M  
Green City, MO.63545



"Rolf Christen"  
<[chrifarm@nemr.net](mailto:chrifarm@nemr.net)>  
08/25/2008 08:23 PM

To "Anne Peery" <[anne.peery@dnr.mo.gov](mailto:anne.peery@dnr.mo.gov)>  
cc  
bcc  
Subject Re: Comment on Spring Creek UAA

I spend most of my time above Ironbank Drive. It is a very beautiful stream. The banks are very picturesque, and the stream is beautifully shaded in this part. However I have friends that live further downstream and they use the stream there.

Great creek for Arrowheads!

Please let me know if I can be of further assistance, Rolf  
----- Original Message -----

**From:** [Anne Peery](#)  
**To:** [chrifarm@nemr.net](mailto:chrifarm@nemr.net)  
**Sent:** Monday, August 11, 2008 3:06 PM  
**Subject:** Comment on Spring Creek UAA

Mr. Christen,  
We are reviewing all the comments we have received telling us how Missouri citizens use their creeks and I am trying to pin down exactly where swimming and wading, etc., occur.

Regarding your e-mailed comment (attached) on Spring Creek in Sullivan County: Can you tell me if that part of the creek that you and your family used for swimming is upstream or downstream of Ironbank Drive? And what about where your friends and neighbors now recreate? Same question.

Thank you for your comment and help,

Anne Peery  
Total Maximum Daily Load (TMDL) Developer  
Missouri Department of Natural Resources  
Water Protection Program  
573-526-1426  
[anne.peery@dnr.mo.gov](mailto:anne.peery@dnr.mo.gov)



"Cynthia Cooper "  
<clcooper@truman.edu>

07/21/2008 05:11 PM

To john.hoke@dnr.mo.gov

cc moenviron@moenviron.org, "Rolf Christen"  
<chrifarm@nemr.net>

bcc

Subject Comments on Spring Creek

Hello John Hoke,

I write to comment on the proposed reclassification of Spring Creek (0658) in Sullivan county from Class A to Class B:

As a member of the Missouri Stream Team (3438) Volunteer program with Level 2 and 4 qualifications, I did some water sampling in Spring Creek in spring 2008. The overall water quality in regards to E. coli gave me the impression that the waterway was already classified as Class B, rather than Class A. The Standard for Class A is 126 E. coli per 100 ml while Class B is 548 E. coli per 100 ml sample.

For Spring Creek at Hwy 129 (the beginning of the reclassification region) I found an average of 261.4 E. coli per 100 ml (from 4 samples between March 1 and April 19). Further downstream, below the proposed reclassification, the result was 470.4 E. coli per 100 ml at the Hwy 6 bridge crossing. In the Google image shown at the website [www.moenviron.org](http://www.moenviron.org) I find that the image leaves out the large CAFO just north of the proposed reclassification region. Also, the proposed region of Spring Creek appears to border row crop land and it is not obvious or apparent that any municipal sewage discharge facilities exist along that stretch, however, the CAFO upstream is an obvious major concern as a hog sewage source. The highest E. coli levels from my class project were observed in the month of April during heavy rains of up to 2.54 inches in a 7 day period. On April 12 we observed 974 and 1399 E. coli per 100 ml at Hwy 129 and Hwy 6, respectively. On April 19 we observed 1340 and 2887 E. coli per 100 ml at those respective sites. The method we used for E. coli is the same as that used by the Department of Natural Resources in Jefferson City, MO (IDEXX method). Other water quality indicators (pH, turbidity, conductivity, etc. were submitted to Priscilla Stotts, Stream Team Coordinator.

Our results suggest that the stream does not meet Class A right now, in regards to E. coli, and barely qualifies for Class B, depending on the season. Thus, it seems to me that an authorized increase in sewage input into Spring Creek at the proposed site would throw the stream out of compliance for Class B. I cannot support the proposed reclassification

unless it is merely to reflect actual practice , rather than an actual increase in pollution input.

I'm not sure how to respond to the request for information regarding recreational use in light of the major CAFO sewage that has impacted this stream because of the heavy rains .

Absent heavy rains the water quality should remain fairly good . However, with every season of heavy rains, the lagoons will be allowed to release into Spring Creek and kill fish every time (see below). Also, the region of Spring Creek that borders the row crops along the proposed reclassification site will likely be impacted by land applied liquid hog manure . Liquid manure is loaded with fecal bacteria and potential pathogens . In addition, downstream of the proposed site, is the Union Ridge Conservation Area. This area includes Spring Creek below the proposed reclassification zone, and will be impacted, as it is now, by any sewage pollution coming downstream from run-off along the proposed region, and in addition, direct release from the CAFOs as occurred last month. Our data at Hwy 6 support that the region of Spring Creek that runs through the Union Ridge Conservation area will be negatively impacted with higher E. coli counts by additional sewage input at the proposed reclassification region.

Sincerely,  
Cynthia Cooper, PhD

Department of Biology  
Truman State University  
100 E. Normal St.  
Kirksville MO 63501

Phone 660-785-4082  
FAX 660-785-4045

See also the fish kill a few weeks ago in this stream at Hwy 129 where I once found good stream indicators:

[http://www.dnr.mo.gov/newsrel/nr08\\_405.htm](http://www.dnr.mo.gov/newsrel/nr08_405.htm)

Volume 36 405

Contact: Sarah

Garoutte

(For immediate release)

573-522-9913

**DEPARTMENTS INVESTIGATE FISH KILL IN  
SULLIVAN COUNTY**

JEFFERSON CITY, MO, JULY 3, 2008 -- The Missouri Department of Natural Resources is investigating the cause of a fish kill in Sullivan County. The department received reports last night of dead catfish and minnows in Spring Creek at the Highway 129 bridge.

Staff from the department's Northeast Regional Office in Macon and the Missouri Department of Conservation were dispatched to the scene last night to begin the investigation into the nature and source of the pollutant that caused the kill. Currently, the department has not determined the cause of the fish kill.

For more information, contact the Department of Natural Resources at 800-361-4827 or 660-385-8000 or visit the department's Web page at [www.dnr.mo.gov](http://www.dnr.mo.gov).

For news releases on the Web, visit [www.dnr.mo.gov/newsrel](http://www.dnr.mo.gov/newsrel).

For a complete listing of the department's upcoming meetings, hearings and events, visit the department's online calendar at [www.dnr.mo.gov/calendar/search.do](http://www.dnr.mo.gov/calendar/search.do).



## Recreational Use of Your Stream

Name: Frances Jean

Heman

Address: 16701 Ironbank Drive, Green Castle, MO

63544

Phone Number: ( 660 ) 874 4644 E-mail

address: enemoe@nemr.net

Stream name: Spring Creek WBID (if known):

What county is the stream in? Sullivan and Adair

Have you or your family used this stream for recreation at any time since November 28, 1975?

Yes X No     

How have you and your family used the stream? Please circle all that apply:

☒Swimming ☒Playing ☐Fishing ☒Wading ☐Water skiing ☐Snorkeling ☐Skin diving

☐Tubing ☐Kayaking ☐Canoeing ☐Trapping ☐Other:     

Has anyone in your family, including children, ever used the stream in a way where they might have accidentally ingested water? Yes x No      If so, how?

When playing and swimming in the  
water

What stretches of the stream have your family used? Describe locations as accurately as you can by means of distance from landmarks, bridges, streets, highways, or property lines (example: 150 yards downstream from Hwy EE bridge). Feel free to draw (on back) or include a map.  
On and near the bridge on Ironbank Drive that crosses Spring Creek and 1/4 mile in each  
direction. Also we rock hunt in areas east of the bridge on Hwy D north of Green Castle.

Do you know of others using this stream for recreation at any time since November 28, 1975?

Yes x No     

How have others, to your knowledge, used the stream? Please circle all that apply:

☒Swimming ☒Playing ☐Fishing ☒Wading ☐Water skiing ☐Snorkeling ☐Skin diving

☐Tubing ☐Kayaking ☒Canoeing ☒Trapping ☐Other:     

Do you know of others ever using the stream in a way where they might have accidentally ingested water? Yes X No      If so, how? Wading, playing and swimming in the  
stream

What stretches of the stream did they use? Describe locations as accurately as you can by means of distance from landmarks, bridges, streets, highways, or property lines (example: 150 yards downstream from Hwy EE bridge). Feel free to draw (on back) or include a map.

The same areas that I described above that my family uses.

Signature Frances Jean Heman

7/25/08

 Date

Mail to: John Hoke, UAA Coordinator, Department of Natural Resources, P.O. Box 176, Jefferson City, MO 65102,  
or Fax: 573-522-9920, or Email: john.hoke@dnr.mo.gov

*Please use the back if you need more space to answer questions or to provide additional information or maps*